• Field of use

You have just acquired a **FILLON TECHNOLOGIES** machine

Type of machine	Field of use
Heated storage cabinet	Frost-free storage of paints on shelves.
Paint heated / mixing system	Frost-free storage of paints in cans on shelves and paint mixing using Fillon Technologies paint mixing lids.
FAS paint mixing machine	Paint mixing in cans using Fillon Technologies mixing lids fitted to a worm screw system.
FP paint mixing machine	Paint mixing in cans using Fillon Technologies mixing lids fitted to a shaft.

• Markings

European Community: refer to the EC certificate of conformity and to the manufacturer labelling on the machine
Other countries: refer to the manufacturer's identification plate on the machine.
Note: If the machine is designed to be used in an explosive atmosphere, a manufacturer's identification plate is fitted to the motor module or on the heater casing

The manufacturer shall accept no responsibility if the instructions described below are not complied with and/or if the specifications of the machine are modified and/or if the machine is used for purposes other than those specified in these user instructions.

• Safety Instructions

The machine must be connected to earth via its electrical power supply cable and connected to a 30mA earth leakage circuit breaker to provide protection to individuals and to protect the machine.

Before use:
- For your own safety, wear gloves
- Comply with the fitting order as described in these instructions
- Place the machine in a ventilated area; ambient temperature greater than 0°C
- Place the machine on a flat, firm surface
- Secure the machine to the wall to reinforce its stability
- Check to ensure that all of the machine securing systems are properly tightened

Important: in explosive atmospheres: the machine must be installed in a zone corresponding to the markings on the manufacturer's identification plate.
The Directive 99/92/CE «Safety of workers exposed to the risks of explosive atmospheres» is fully applied in all countries within the European Community. For other countries, conform to the regulations in force.

Electrical Installation:
All installation, checking, repairs or setting/adjustment of electrical components must only be carried out by a qualified electrician.
IMPORTANT: Check to ensure that the repairer is in possession of a recognised qualification that proves his ATEX (potentially explosive atmospheres) competence.
- Connect the machine to the main supply using the cable supplied. Use of an extension lead is prohibited
- The plug is fitted to the end of the power supply cable for connection to a wall socket which must be permanently accessible and at a height of between 0.6 and 1.9m from the ground. The plug acts as an isolation device for the mains power supply.
- ***For machines installed in explosive atmospheres, in addition to the instructions described above,*** it is essential that the mains supply to which the machine is installed is equipped with an isolating switch that conforms to the standards EN 60947-2 and EN 60947-3, fitted with a locking device in the «open» position. This main switch must fulfil the function of an emergency shut off in compliance with the standard EN 60204-1.

The connection must be made outside of the zone if you are not using an ATEX (potentially explosive atmospheres) connection system: you cannot use a conventional plug for an «in zone» connection.
Important: Machines used in explosive atmospheres must be connected by a qualified electrician.

Protection of the motor and insulation:
For machines equipped with a motor, the protective devices used in the area where the machine is installed must be capable of the detection of faults relating to insulation of and over current to the motors. This protection is ensured by a magneto-thermal circuit breaker according to the specifications of the motor.
The minimum value of the circuit breaker fitted to the electrical line supplying power to your machine corresponds to the consumption figure indicated on the motor.

During use:
- Always leave the machine switched on.

For mixing machines, and in addition to the instructions above:
- For persons with long hair, it is mandatory to wear a hair net/cap
- Do not wear loose fitting clothing as this carries a risk of getting caught
- To gain access to paint cans in the rear storage area, it is essential to stop the front position pot mixing process.

Adjustments / Maintenance:
- Switch the machine off before removing any protective covers and to carry out any maintenance or repairs.

Precautions:
- Only clean the doors with a damp, cotton cloth
- The protective covers must always be fitted in place. They are designed to protect you against damage or injury
- Do not smoke in the area where the machine is installed
- Before switching on to use, check that there are no objects or obstacles that could come into contact with the machine
- Products stored in the machine must be those products as recommended by your supplier
- Never place a damaged paint can in the machine

For mixing machines, in addition to the precautions mentioned above, you must check to ensure that:
- the recommended mixing lids are correctly fitted and locked in place on the paint cans
- the mixing blades of the lids are turning freely inside the paint cans
- the paint cans are correctly positioned in the locations designed for this purpose, prior to operation
- Do not sit on the work surface if the machine is fitted with this

• Instructions for Use

Assembly:
- The machine is supplied in kit form and is contained in one or more packages.
- You must carefully follow the assembly instructions provided in this manual, step by step according to the various illustrations, taking care to correctly follow the fitting instructions.
- Paint cans fitted with their lids should be easily installed or removed from the machine without difficulty.

Switching on:
For machines equipped with a control unit, refer to the instructions relating to the control unit before operating the machine.
- Connect the machine to the mains power supply.
- Place the pots of paint fitted with their covers in the storage areas.

For mixing machines:
- Switch on the machine when it is empty. The operating systems should run properly with no noise. The cover plate operating systems should turn in a clockwise direction.
- Place the pots of paint fitted with their covers gradually, one by one in the machine mixing zones.
- The mixing is performed according to an operating period programmed by the control unit.
- Comply with the paint manufacturer recommendations for the daily number of paint mixing cycles.

For heated cabinets:
- The heating system is pre-set to reach an inside temperature of approximately 18°C for an outside temperature of 10°C
- The doors must be kept closed throughout the paint storage period.

• Service and Maintenance Instructions

All repairs must only be carried out by a qualified technician.
To maintain the performance of your machine and to reduce the risks of incidents occurring, it is strongly recommended carry out the regular service intervals as described below.
The illustrations in the manual indicate the references of the spare parts.
- Using a damp, cotton cloth, clean off any dust which may have accumulated on the machine, as well as on the doors of the heated cabinet

(Caution: the use of thinner may alter epoxy paint)
- Ensure that the control and/or checking components are clearly visible, in order to be aware of the operating status at any time.
- On mixing machines, check the condition and tension of the belts every 6 months.
- Apply the required lubricants as recommended in the instruction manual

For optimum use of the pot/cover assembly:
- Check that the can/lid assembly is sealed correctly
- Ensure that the pouring nozzle is clean. In the event of paint runs, clean off using a cloth.
- Before re-using a mixing lid, check its general condition

After carrying out any maintenance operations, take care to ensure that all safety components removed during the operation(s) are correctly refitted.

• Adjustments

For all adjustments, refer to the illustrations in the instructions manual

• Additional Documents

User Manual for the control panel unit if the machine is fitted with this